

**Notice of Allowability**

Application No.

10/723,094

Examiner

Henry K. Choe

Applicant(s)

RABINOVICH ET AL.

Art Unit

2817

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed on 11/25/03.
2. ☒ The allowed claim(s) is/are 1-23.
3. ☒ The drawings filed on 02 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☒ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 1/12/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☒ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 5/11/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



HENRY CHOE  
PRIMARY EXAMINER

**DETAILED ACTION**

***EXAMINER'S AMENDMENT***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Peter Meza on 5/4/05.

Claims 24-48 have been cancelled.

***Reasons for Allowance***

Claims 1-23 are allowed.

The following is an examiner's statement of reasons for allowance: Regarding claim 1, the closest prior art of record, Blodgett (Fig. 2) does not disclose the following limitations: the pilot signal is reused by the fourth control loop to thereby further cancel intermodulation distortion in the output of the main amplifier block.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

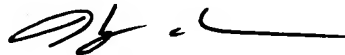
Art Unit: 2817

**Conclusion**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Patent numbers (6,340,914; 6,774,716) are the feedforward amplifiers with the pilot signals.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Henry Choe whose telephone number is (571) 272-1760.



HENRY CHOE  
PRIMARY EXAMINER

#1008



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

10/723,094

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|--------------------|---------------------|-----------------------|---------------------------|
| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO./TITLE |
|--------------------|---------------------|-----------------------|---------------------------|

Application Number:

Attachment to Paper Number:

### NOTICE OF INFORMAL APPLICATION

This application is considered to be informal since it does not comply with the regulations for the reason(s) indicated below. The period within which to correct the informalities noted below and avoid abandonment is set in the accompanying Office action.

**A. A new oath or declaration, identifying this application by the application number is required. The oath or declaration does not comply with 37 CFR 1.63 in that it:**

- ☐ 1. does not identify the residence (e.g., city and either state or foreign country) of each inventor.
- ☐ 2. does not identify each inventor by full name, including the family name and at least one given name without abbreviation.
- ☒ 3. does not identify the complete post office address of each inventor.
- ☐ 4. does not identify the citizenship of each inventor.
- ☐ 5. does not state whether the inventor is a sole or joint inventor.
- ☐ 6. does not state that the person making the oath or declaration:
  - ☐ has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.
  - ☐ believes the named inventor or inventors to be the original and the first inventor or inventors of the subject matter which is claimed and for which a patent is sought.
  - ☐ acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
- ☐ 7. does not identify the foreign application for patent or inventor's certificate on which priority is claimed pursuant to 37 CFR 1.55, and any foreign application having a filing date before that of the application on which priority is claimed, by specifying the application number, country, day, month, and year of its filing.
- ☐ 8. does not state that the person making the oath or declaration acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application which discloses and claims subject matter in addition to that disclosed in the prior application (37 CFR 1.63(e)).
- ☐ 9. contains non-initialed alterations (37 CFR 1.52(c)).

**B. Applicant is required to provide:**

- ☐ 1. Proof of authority of the legal representative under 37 CFR 1.44.
- ☐ 2. An abstract in compliance with 37 CFR 1.72(b).

**C. ☐ OTHER:**

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